X STACK

24 10/100Mbps Ports and 2 Combo Gigabit Copper/SFP Ports

High-Performance Switching:

+ 8.8Gbps Switching Capacity
+ Auto-MDI/MDI-X
+ 802.3ad (Link Aggregation)
+ 802.1D (Spanning Tree)
+ 802.1s (Multiple Spanning Tree)
+ 802.1w (Rapid Spanning Tree)
+ Broadcast Storm Control

Network Management:

+ Console
+ Telnet
+ SNMPv1/2/3
+ RMON (4 Groups)
+ Web
+ Port Mirroring
+ RADIUS client

Advanced Standards Based Enterprise Features:

+ 802.1P Priority/QoS (4 Queues)
+ 802.1x (Port Based Authentication)
+ VLANs (Up to 255 Groups)
+ IGMP Snooping
+ Private Edge VLANs
+ Bandwidth Control to 64k (ingress/egress)

D-Link's DES-3226L is a high-performance managed Layer 2 switch that provides an ideal solution for workgroups and departments. The DES-3226L has 24 10/100Mbps Fast Ethernet ports and 2 combo Gigabit Copper/SFP ports for high-speed uplinks to servers and/or backbones.

High-Performance, High availability Layer2 Switching

With an 8.8Gbps switch fabric, and support for up to 8000 MAC addresses, the DES-3226L is a wire-speed, high performance departmental switch. The DES-3226L supports 802.3ad Link Aggregation (LACP). Link Aggregation or port trunking enables users to increase availability and aggregates bandwidth between servers and/or other switches by combining multiple links of the same speed as one logical link.

Investment Protection

By widely supporting IEEE approved specifications, the DES-3226L leverages your existing investment in a multi-vendor environment, while maximizing compatibility of business critical features like, Spanning Tree (802.1D/802.1s/802.1w), QoS (802.1p), Port Mirroring, and Network Management (SNMP/RMON/BOOTP/Telnet/Web).

D-Link's DES-3226L robust support of standards based network management protocols (SNMP/RMON/BOOTP/Telnet/Web) and port mirroring enables the DES-3226L to be easily integrated into many third-party network management packages.

Advanced Enterprise Features

The DES-3226L brings advanced enterprise functions to a more affordable level while supporting advanced features: 802.1p (QoS/CoS), 802.1x (Port Based Authentication) with support for a RADIUS server, IGMP snooping, 802.3ad (Link Aggregation) with LACP, and VLANs. These features facilitate the deployment of applications across an enterprise such as: VoIP, streaming media, and multicast content delivery (IP video conferencing and software deployment).

Robust Security

The DES-3226L offers enterprise class security in an affordable SMB solution. The DES-3226L supports 802.1x RADIUS user authentication. When a user attempts to log onto the local network through the DES-3226L, the 802.1x protocol requires that the user provide a username and password that is then authenticated by a RADIUS server. 802.1x security prevents unauthorized individuals from connecting to the switch and gaining access to secure network resources. In addition the DES-3226L supports SSH and SNMP v1/2/3 for secure encrypted switch management and monitoring.

Network Management

The DES-3226L supports an industry standard CLI (command line interface) to allow for ease in administration. With an industry standard CLI, less time is spent learning a new interface, saving your network administrator time and money. Additional Management support includes SNMP v1/2/3, RMON, TFTP, Telnet, and BootP/DHCP and a Graphical User Interface (GUI) for easy visual configuration and monitoring.

Hardware vB1/B2

BUSINESS

24 10/100Mbps Ports and 2 Combo Gigabit Copper/SFP Ports

Technical Specifications

Product Specifications

DES-3226L	Managed Layer 2 Switch with 24 10/100Mbps Ports and 2 Combo Gigabit Copper/SFP Ports
MAC address Table	8K
Switch Fabric	8.8Gbps
Transmission Method	Store-and-Forward
VLANs	Supports up to 255 VLAN Groups
Priority Queues	4 Queues (802.1p/DSCP/IP precedence)
Flash RAM	8MB
Multicast Support	IGMP Snooping

Interface Options

RJ-45	10BASE-T, 100BASE-TX & 1000BASE-T
SFP/mini-GBICs	1000BASE-X support based on SFP type (Use of the SFP will disable the corresponding combo 10/100/1000Mbps port. See User Manual For Details)

Network Management

In & Out of Band	Telnet, CLI/console, TFTP, RMON, Web-based HTTP, SNMPv1/2/v3 Compatible & Port Mirroring, SSH, SSL, xmodem

Network Protocols and Standards

IEEE	802.3ac (VLAN tagging), 802.3ad (LACP), 802.3ad MIB , 802.1s (multiple spanning tree), 802.1w (rapid spanning tree), 802.1d (spanning tree), 802.1Q (VLAN tagging), 802.1x (port based authentication), 802.3x (flow control), 802.1x MIB
L2 Features	IGMP Snooping, Port Mirroring, Broadcast Storm Control, Multicast Storm Control, Static MAC filtering, Jumbo Frames, XMODEM, Private VLAN edge , Rate Limiting down to 64k, SSL 3.0 & TLS 1.0, SSH 1.5 & 2.0, Configurable VLAN ID, Industry Standard CLI, Logging, GUI
IETF	RFC 1213 (MIB II), RFC 1493 (Bridge MIB), RFC 1643 (Ethernet-like MIB), RFC 2233 (Interfaces Group MIB using SMI v2), RFC 2618 (Radius Authentication Client MIB, RFC 2620 RADIUS Accounting MIB, RFC 2674 (VLAN MIB), RFC 2819 (RMON Groups 1,2,3, & 9, RFC 2851 (Internet Addresses MIB), RFC 768 (UDP), RFC 783 (TFTP), RFC 791 (IP), RFC 792 (ICMP), RFC 793 (TCP), RFC 826 (ARP) , RFC 951 (BootP), RFC 1534 (Interop. Between BootP & DHCP), RFC 2131 DHCP Client/Server, RFC 2132 DHCP Options & BootP Vendor Extensions , RFC 2865 (RADIUS Client), RFC 2866 (RADIUS Accounting), RFC 2868 (RADIUS Attrib. / Tunnel Protocol, RFC 2869 (RADIUS Extensions), RFC 2869bis (RADIUS support for EAP), RFC 3580 (802.1x RADIUS Usage Guidelines), RFC 854 (Telnet), RFC 855 (Telnet Option Specifications), RFC 1155 (SMI v1) , RFC 1157 (SNMP), RFC 1212 (Concise MIB Definitions), RFC 1867 (HTML) , RFC 1901 (Community Based SNMP v2), RFC 1905 (Protocol Operations SNMP v2), RFC 1906 (Transport Mappings for SNMP v2), RFC 1907 (Management Info base for SNMP v2), RFC 1908 (Coexistence SNMP1 & v2), RFC 2068 (HTTP/1.1) , RFC 2271 (SNMP Framework MIB), RFC 2295 (Transparent Content Negotiation), RFC 2296 (Remote Variant Selection), RFC 2570 (Introduction to SNMP v3), RFC 2571 (SNMP Management Frameworks), RFC 2572 (Msg. Processing for SNMP), RFC 2573 (SNMP v3 Applications), RFC 2574 (User Based Security for SNMP v3), RFC 2575 (User Based Security for SNMP v3), RFC 2576 (Coexistence SNMP v1,2,3), RFC 2578 (SMI v2) , RFC 2579 (Textual Conventions for SMI v2), RFC 2580 (Conformance statements for SMI v2), RFC 2246 (TLS Protocol v1), RFC 2818 (HTTP over TLS), RFC 2346 (AES Ciphersuites for TLS)

Electrical & Emissions Summary

Emissions	CE Mark, FCC Class A, VCCI Class I, C-Tick
Power Supply	100-240VAC, 50/60 Hz Internal Universal Power

Safety Agency Certifications

Safety	CSA International, CE Mark, TUV, UL/CUL, IEC950

BUSINESS

D-Link®

DES-3226L Managed Layer 2 Fast Ethernet Switch

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Physical and Environmental

Temperature	Operating: 32° to 122°F (0° to 50°C) Storage: -14° to 158°F (-10° to 70°C)
Humidity	Operating: 10% ~ 90% RH, Non-condensing Storage: 5% ~ 90% RH, Non-condensing

Physical Specifications

Dimensions (W x D x H)	17.36 x 8.3 x 2.6 inches (440 x 210 x 66 mm) 19-inch rack-mount width, 1.0U height
Weight	5.2 lbs (2.35kg)

Warranty and Support Information

Warranty	Limited Lifetime Warranty to the original purchaser. Visit www.dlink.com for details.
Support	Free Technical Support

Ordering Information

Part Number	Description
DES-3226L	Managed Layer 2 Switch with 24 10/100Mbps Ports and 2 Combo Gigabit Copper/SFP ports
DEM-310GT	1000BASE-LX SFP/mini-GBIC Up to 10Km (single mode)
DEM-311GT	1000BASE-SX SFP/mini-GBIC Up to 550m (multimode)